

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P181141

Luminaire Tested: **ICS-F03-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181141
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-F03-LED-E1-SLR-8030
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5234.6 lumens
Efficiency: N/A
Efficacy: 66.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 78.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

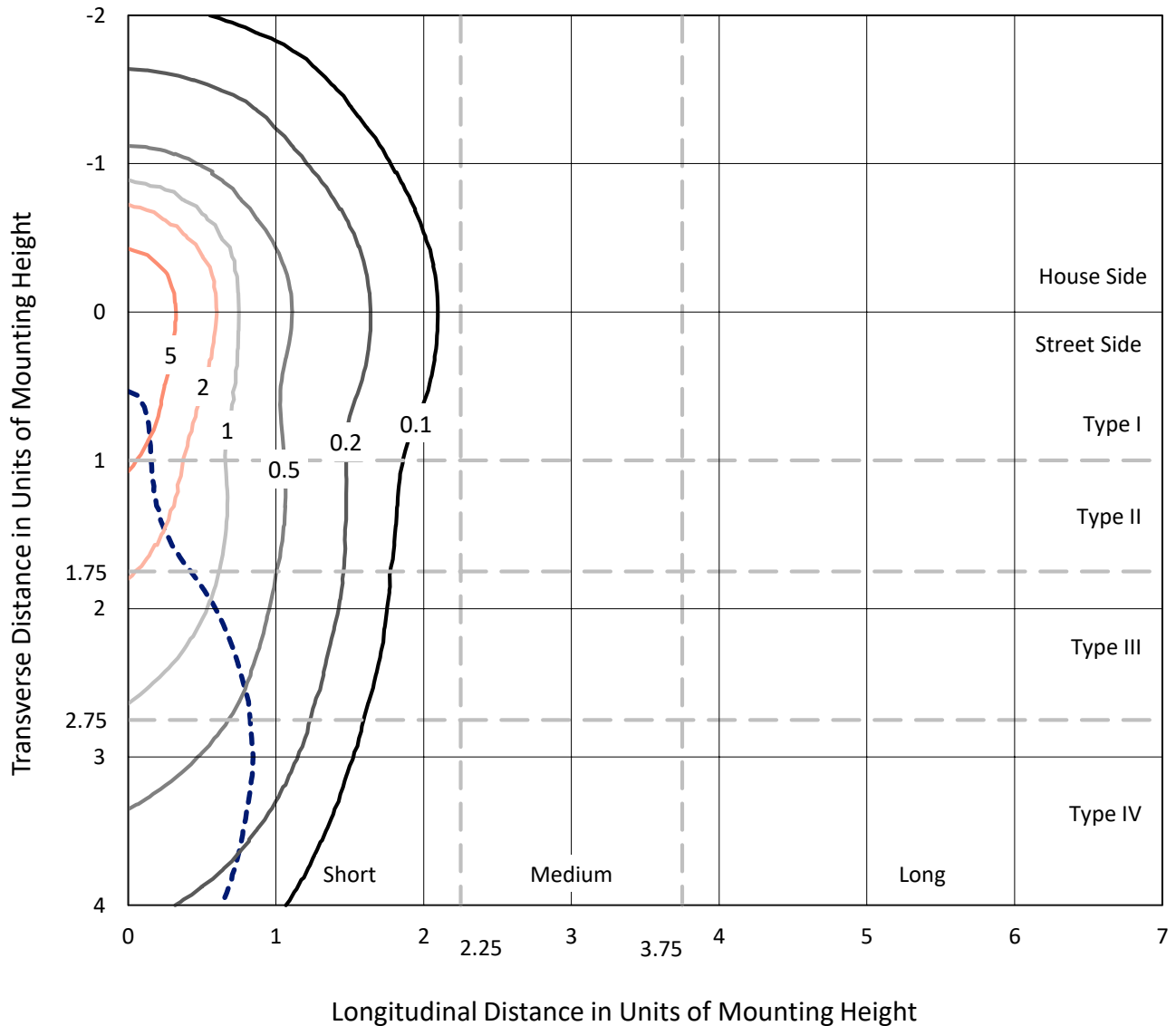


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

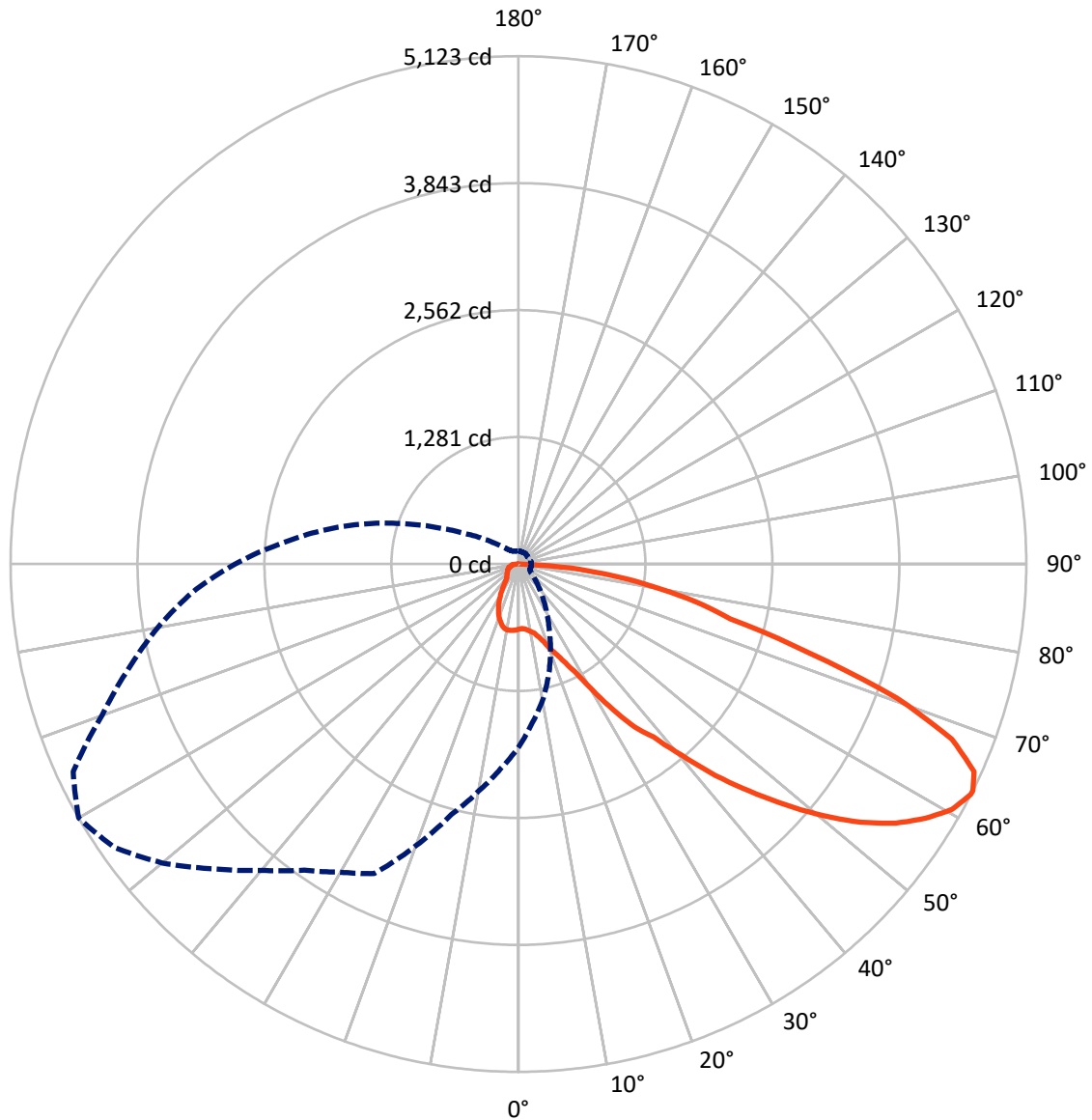


Based on 10 foot mounting height. Maximum calculated value = 8.2 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1135.1	0.0	1135.1
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	4099.5	0.0	4099.5
	% Fixture	78.3	0.0	78.3
Total	Lumens	5234.6	0.0	5234.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.0	1.2
10°-20°	199.4	3.8
20°-30°	354.3	6.8
30°-40°	557.9	10.7
40°-50°	821.1	15.7
50°-60°	1090.7	20.8
60°-70°	1201.4	23.0
70°-80°	753.7	14.4
80°-90°	192.0	3.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5234.6	100.0
0°-180°	5234.6	100.0



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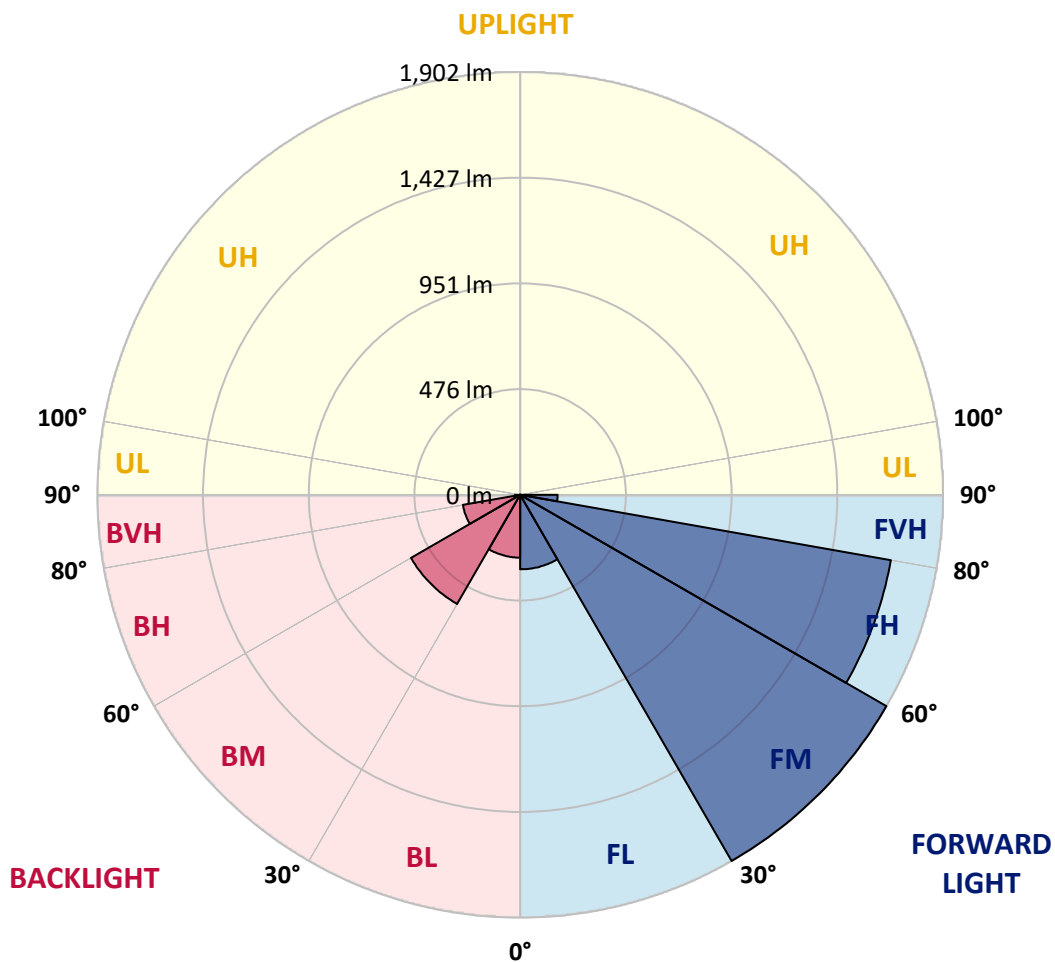
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	335.2	6.4			
FM	(30°-60°)	1902.4	36.3			
FH	(60°-80°)	1693.5	32.4			G1/1800
FVH	(80°-90°)	168.5	3.2			G2/225
BL	(0°-30°)	282.6	5.4	B1/500		
BM	(30°-60°)	567.3	10.8	B1/1000		
BH	(60°-80°)	261.6	5.0	B1/500		G1/500
BVH	(80°-90°)	23.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8
2.5°	649.0	650.9	650.3	650.3	651.6	650.9	650.9	651.6	651.6	653.4	655.9
5°	644.0	643.4	642.1	643.4	643.4	643.4	640.9	642.8	643.4	644.7	644.7
7.5°	650.3	648.4	645.9	646.5	646.5	645.3	643.4	644.0	643.4	643.4	642.8
10°	658.5	654.1	650.9	650.9	650.9	649.7	646.5	648.4	648.4	647.8	648.4
12.5°	672.9	667.9	664.1	662.8	662.8	661.0	658.5	661.0	659.7	659.7	658.5
15°	696.7	691.1	686.7	682.9	683.5	683.5	680.4	678.5	676.0	672.9	666.6
17.5°	732.4	726.2	720.5	717.4	718.0	713.6	704.9	696.1	684.2	672.2	659.1
20°	783.2	781.4	773.8	770.7	763.2	752.5	728.1	707.4	684.2	661.6	639.0
22.5°	871.0	862.3	854.7	842.8	817.7	788.3	747.5	711.1	674.8	642.8	612.7
25°	988.9	973.3	936.3	899.9	848.5	795.8	740.6	693.6	648.4	606.4	569.4
27.5°	1104.9	1057.3	991.4	925.6	850.3	781.4	712.4	656.6	603.9	558.1	517.4
30°	1245.4	1165.1	1064.2	960.1	853.5	760.7	677.9	612.7	551.8	503.6	460.9
32.5°	1377.1	1261.1	1128.8	992.1	860.4	741.2	638.4	564.4	501.7	440.8	398.8
35°	1467.4	1316.9	1156.4	995.2	843.4	704.2	588.8	501.7	439.0	382.5	333.0
37.5°	1521.3	1341.4	1157.6	972.6	803.9	654.1	526.1	439.6	381.9	328.0	289.1
40°	1555.2	1347.0	1141.3	940.0	753.8	590.7	463.4	385.7	333.0	289.7	259.6
42.5°	1571.5	1338.2	1115.0	898.6	703.0	534.3	419.5	346.2	300.4	269.7	247.1
45°	1574.0	1322.5	1086.8	861.0	657.8	493.5	389.4	329.9	292.2	266.5	243.9
47.5°	1574.0	1308.7	1064.2	833.4	628.4	476.0	386.9	336.8	299.8	270.9	243.9
50°	1575.3	1304.4	1054.8	819.6	618.3	485.4	408.2	358.1	316.1	278.4	243.3
52.5°	1580.9	1310.0	1062.3	830.3	636.5	523.0	448.4	390.1	337.4	287.2	243.3
55°	1593.5	1328.8	1094.3	867.3	685.4	580.1	496.7	424.5	354.3	291.0	239.6
57.5°	1628.6	1376.5	1152.6	938.8	768.8	645.9	540.6	449.0	360.6	287.8	232.0
60°	1698.8	1471.2	1252.3	1039.1	857.2	702.3	566.3	452.8	354.9	277.8	220.1
62.5°	1811.1	1579.7	1373.3	1148.2	935.6	733.7	569.4	443.4	339.9	259.6	202.6
63°	1849.9	1606.6	1399.1	1168.9	945.7	736.2	566.9	439.6	336.1	254.6	200.0
65°	1958.4	1720.1	1488.1	1241.7	973.9	736.8	553.1	420.8	318.6	235.2	182.5
67.5°	2161.0	1869.4	1600.3	1298.7	983.9	716.8	518.0	385.7	281.6	205.1	160.5
70°	2288.9	1952.8	1643.6	1300.0	954.4	659.7	457.2	328.6	234.5	169.9	138.0
72.5°	2255.7	1870.6	1529.5	1182.7	827.1	551.2	367.5	258.4	183.1	136.1	114.8
75°	1932.1	1557.1	1247.9	916.2	625.2	405.1	269.0	184.4	135.5	106.6	95.9
77.5°	1390.9	1120.6	894.9	652.8	421.4	262.1	178.7	131.7	102.8	87.8	79.0
80°	886.1	657.2	547.5	392.6	246.4	162.4	122.9	99.7	84.7	73.4	67.7
82.5°	462.8	324.2	263.4	200.7	136.7	107.2	90.3	81.5	69.6	60.8	57.7
85°	288.5	191.3	141.7	99.1	68.4	61.5	56.4	55.2	49.5	43.9	42.0
87.5°	32.6	29.5	30.7	19.4	14.4	15.7	15.1	20.1	19.4	14.4	15.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8
2.5°	653.4	654.7	654.7	656.6	656.6	657.8	659.1	659.1	660.3	661.0	662.2
5°	645.9	645.9	645.9	648.4	649.0	652.8	654.1	655.3	656.6	661.0	663.5
7.5°	644.0	641.5	642.8	642.8	644.7	647.8	650.9	652.8	654.7	660.3	664.1
10°	647.8	645.9	644.0	644.0	644.7	645.9	648.4	650.3	651.6	657.2	660.3
12.5°	657.8	653.4	649.7	646.5	644.0	643.4	642.1	642.8	644.0	647.2	651.6
15°	659.7	651.6	643.4	635.2	629.0	625.2	622.1	620.8	620.8	622.7	627.7
17.5°	647.2	633.4	621.5	610.8	603.9	597.0	593.9	591.4	590.1	592.6	593.2
20°	620.2	603.9	587.6	575.0	562.5	560.6	555.6	556.9	558.1	561.9	563.8
22.5°	583.2	563.8	543.7	530.5	520.5	511.7	506.1	508.6	510.5	514.2	516.1
25°	538.0	509.8	488.5	475.3	464.7	457.2	450.9	453.4	450.9	455.3	462.2
27.5°	484.7	451.5	428.9	413.9	406.4	400.1	393.8	393.8	400.1	400.1	405.7
30°	420.2	395.7	366.2	350.5	341.1	337.4	336.8	335.5	339.9	342.4	348.7
32.5°	359.3	329.2	301.0	286.0	277.8	273.4	274.0	274.7	276.5	280.3	290.3
35°	297.9	271.5	251.5	234.5	226.4	218.2	218.2	217.0	218.9	223.2	235.2
37.5°	258.4	235.2	219.5	206.3	198.2	193.1	188.8	186.9	186.9	188.8	193.1
40°	236.4	219.5	205.1	193.8	186.2	181.9	179.3	177.5	176.2	176.2	176.8
42.5°	226.4	208.8	194.4	184.4	178.7	176.2	175.6	175.0	173.1	172.5	171.8
45°	221.4	201.3	185.0	176.8	172.5	171.2	171.8	171.8	171.2	169.9	167.4
47.5°	217.6	194.4	178.1	170.6	168.7	168.7	168.7	168.7	168.1	167.4	165.6
50°	211.3	183.7	166.2	160.5	159.3	159.3	159.9	159.9	161.2	159.9	158.7
52.5°	204.4	173.7	156.1	151.1	150.5	149.9	149.9	149.9	150.5	150.5	149.9
55°	196.9	166.2	151.1	147.4	148.0	147.4	146.7	146.1	146.1	145.5	144.2
57.5°	189.4	159.9	147.4	144.9	145.5	145.5	144.2	143.0	142.4	140.5	139.2
60°	178.1	151.1	139.8	138.6	140.5	140.5	140.5	139.8	139.8	139.2	136.1
62.5°	163.0	138.6	129.8	130.4	131.1	132.3	132.3	132.3	132.3	131.1	127.9
63°	159.9	136.1	127.9	127.9	129.8	129.8	130.4	129.8	130.4	129.2	125.4
65°	147.4	127.9	121.7	122.3	123.5	123.5	123.5	122.9	122.9	121.0	119.1
67.5°	132.9	117.9	114.1	114.8	115.4	116.6	116.0	116.0	116.6	115.4	113.5
70°	116.6	107.2	104.7	105.4	106.0	106.0	105.4	105.4	106.0	104.7	102.8
72.5°	104.1	100.3	98.5	98.5	97.2	97.2	95.9	95.3	94.7	94.7	92.8
75°	87.8	87.2	87.8	89.0	87.8	86.5	85.9	84.0	82.8	82.8	82.1
77.5°	75.3	75.3	76.5	78.4	79.0	79.0	77.1	74.0	73.4	73.4	73.4
80°	65.2	64.0	64.0	65.8	67.7	67.1	64.0	60.8	60.8	64.0	64.6
82.5°	57.1	57.1	55.2	55.8	55.2	54.6	51.4	49.5	48.9	51.4	53.9
85°	45.2	45.8	45.2	44.5	43.9	42.0	39.5	37.6	37.0	39.5	43.3
87.5°	18.2	17.6	16.9	17.6	16.9	18.2	17.6	16.3	15.7	17.6	21.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8
2.5°	662.8	664.1	665.3	665.3	666.6	666.0	666.6	667.2	667.2	667.9	667.9
5°	666.6	668.5	671.0	673.5	674.1	676.0	677.9	676.6	678.5	681.0	681.0
7.5°	667.9	672.2	674.1	677.9	678.5	681.0	685.4	682.3	686.0	687.9	688.6
10°	666.0	670.4	673.5	677.9	679.8	684.2	688.6	687.3	691.7	694.8	695.4
12.5°	654.7	659.1	666.0	672.2	677.3	684.2	692.3	689.8	696.1	699.8	701.7
15°	632.7	637.1	644.7	654.7	664.1	674.8	685.4	687.3	693.6	698.0	699.8
17.5°	598.2	603.9	612.0	622.7	634.6	652.8	666.6	673.5	682.3	684.8	687.9
20°	566.3	571.9	576.9	583.2	592.0	609.5	627.7	641.5	652.8	662.2	664.7
22.5°	523.6	528.6	534.9	539.9	546.2	558.7	573.8	589.5	607.0	612.7	618.9
25°	472.2	475.3	484.1	487.3	491.6	502.3	514.2	525.5	542.4	554.4	557.5
27.5°	417.0	420.2	428.3	430.2	435.8	445.9	454.6	459.0	474.7	487.3	497.3
30°	353.1	361.2	371.2	372.5	378.8	385.0	393.2	397.6	412.0	425.2	437.7
32.5°	297.9	306.0	314.2	319.2	322.3	327.3	335.5	339.9	353.7	365.6	378.1
35°	241.4	251.5	260.2	267.1	269.7	275.9	282.2	286.6	301.0	311.7	320.4
37.5°	198.8	206.3	215.7	222.6	229.5	233.9	241.4	247.7	256.5	262.1	271.5
40°	178.1	181.9	186.9	192.5	198.2	203.2	208.8	213.8	219.5	227.0	233.3
42.5°	171.2	171.8	171.8	173.7	176.8	179.3	184.4	188.1	191.9	197.5	200.7
45°	166.2	165.6	164.3	163.0	163.7	164.9	168.1	170.6	175.0	177.5	178.1
47.5°	163.7	161.2	158.7	156.8	156.1	156.8	159.3	161.8	164.3	166.2	166.8
50°	155.5	153.6	149.9	147.4	146.1	147.4	150.5	151.8	154.3	156.1	156.8
52.5°	147.4	144.9	142.4	139.8	139.8	140.5	143.0	145.5	148.0	148.6	149.9
55°	142.4	138.6	136.1	134.2	132.9	134.8	136.7	139.8	143.0	143.6	144.9
57.5°	137.3	133.6	131.1	129.2	127.9	129.8	131.7	136.1	139.8	139.8	139.8
60°	134.2	131.1	127.3	125.4	123.5	125.4	127.9	132.3	136.1	135.5	134.8
62.5°	125.4	122.3	120.4	120.4	118.5	121.7	124.2	129.2	129.8	128.6	127.3
63°	122.9	120.4	119.1	119.1	117.9	121.0	123.5	127.9	127.9	126.7	125.4
65°	116.6	114.8	113.5	114.8	114.8	117.9	118.5	121.7	121.0	119.1	118.5
67.5°	111.6	110.4	109.1	109.1	109.1	109.7	110.4	111.6	111.0	110.4	111.0
70°	103.5	102.8	101.6	101.6	101.0	101.0	101.0	101.6	101.6	102.2	102.8
72.5°	93.4	92.2	92.2	92.8	91.6	92.2	92.8	92.2	93.4	93.4	94.1
75°	82.1	81.5	82.8	84.0	83.4	83.4	84.0	84.0	84.7	84.7	85.3
77.5°	73.4	74.0	74.6	75.9	76.5	76.5	76.5	75.9	76.5	76.5	77.1
80°	65.2	66.5	67.7	69.0	69.6	69.6	69.6	69.0	69.0	69.0	69.0
82.5°	58.9	60.8	62.1	62.7	62.7	62.7	62.7	62.7	62.7	61.5	60.2
85°	49.5	53.3	53.3	53.9	52.0	50.8	49.5	50.2	50.8	48.3	47.7
87.5°	25.1	25.1	26.3	27.6	28.2	28.2	32.0	30.1	29.5	28.8	27.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8
2.5°	668.5	667.9	669.1	667.9	668.5	669.1	667.9	669.7	671.0	669.1	667.2
5°	682.3	682.3	685.4	686.7	687.3	691.1	689.2	690.4	691.7	691.1	691.7
7.5°	691.1	693.6	696.7	699.8	700.5	703.6	703.0	704.9	706.1	709.2	709.2
10°	698.6	701.7	706.1	709.2	712.4	714.9	716.1	719.9	720.5	723.0	723.0
12.5°	705.5	709.2	713.6	718.7	721.8	726.8	727.4	733.1	735.0	735.6	733.7
15°	704.2	708.6	713.6	719.3	724.9	731.2	735.0	740.6	743.7	745.0	741.9
17.5°	692.3	696.1	702.3	709.9	716.8	724.9	731.8	740.0	745.0	746.2	745.6
20°	669.1	671.6	679.8	689.8	698.0	710.5	720.5	733.1	741.2	747.5	749.4
22.5°	623.3	629.6	637.8	649.0	661.0	676.6	691.1	709.2	726.8	741.9	756.9
25°	568.1	579.4	592.0	607.0	621.5	637.8	654.1	674.8	700.5	731.8	767.6
27.5°	512.3	531.8	547.5	566.9	583.8	600.1	618.3	640.9	669.1	706.7	752.5
30°	455.9	477.8	494.8	517.4	539.9	561.9	580.1	603.9	631.5	669.7	719.9
32.5°	395.7	417.6	437.7	458.4	483.5	509.8	531.8	561.3	590.7	630.2	681.0
35°	333.6	353.1	370.0	391.9	419.5	447.7	476.6	510.5	542.4	583.8	637.8
37.5°	279.7	293.5	309.8	329.2	350.5	380.6	413.3	453.4	489.8	534.9	590.1
40°	235.2	242.7	252.1	268.4	287.8	317.3	349.3	391.9	435.8	485.4	538.7
42.5°	200.7	204.4	206.9	217.6	233.3	262.1	292.9	334.2	382.5	436.5	490.4
45°	178.1	180.0	180.6	186.2	197.5	222.6	254.6	289.7	336.1	388.8	445.2
47.5°	167.4	169.3	170.6	171.8	178.7	198.2	227.0	260.2	302.9	351.2	408.9
50°	158.7	160.5	162.4	161.8	164.9	177.5	201.9	232.7	272.8	317.3	374.4
52.5°	149.9	151.1	151.1	151.1	153.0	161.2	178.7	206.9	243.9	286.0	342.4
55°	144.9	146.1	146.7	147.4	148.0	152.4	165.6	188.1	220.1	259.0	309.8
57.5°	139.8	140.5	141.7	142.4	143.6	146.1	154.3	170.6	197.5	230.1	272.8
60°	135.5	136.7	139.2	139.8	141.1	141.7	145.5	155.5	173.1	198.2	232.7
62.5°	128.6	130.4	132.9	133.6	134.8	135.5	136.1	141.7	149.9	164.9	190.6
63°	126.7	128.6	131.7	132.3	132.9	132.9	133.6	137.3	144.9	158.0	176.8
65°	119.8	122.3	124.2	124.8	125.4	125.4	124.8	126.0	126.7	132.3	143.6
67.5°	112.3	114.1	115.4	116.0	115.4	116.0	115.4	114.1	112.9	114.1	119.1
70°	104.7	106.0	106.0	106.6	107.2	107.9	106.6	105.4	104.1	103.5	106.6
72.5°	95.9	97.2	97.2	97.8	97.8	99.1	99.1	98.5	98.5	99.1	99.7
75°	87.2	88.4	87.8	89.0	89.0	90.9	90.9	91.6	92.8	92.2	91.6
77.5°	79.0	79.6	79.6	80.3	80.9	84.0	85.9	86.5	86.5	85.3	84.0
80°	70.2	70.2	69.0	68.4	69.0	72.1	75.9	76.5	78.4	77.8	78.4
82.5°	58.9	56.4	54.6	54.6	55.8	57.7	58.9	60.2	61.5	61.5	62.7
85°	45.2	42.6	40.8	41.4	43.3	43.9	43.3	43.3	45.8	47.7	45.8
87.5°	27.0	24.5	23.2	21.3	21.9	23.8	23.2	21.3	21.9	17.6	16.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8
2.5°	668.5	667.9	666.6	664.7	664.1	662.8	663.5	661.6	660.3	659.1	657.2
5°	691.7	691.7	687.9	687.9	686.0	685.4	681.0	679.1	675.4	676.6	672.2
7.5°	708.0	709.9	705.5	704.9	702.3	701.7	696.1	694.2	691.1	689.8	686.0
10°	719.9	719.9	714.3	709.9	706.7	703.6	698.0	695.4	692.9	693.6	691.1
12.5°	729.3	724.9	716.8	710.5	706.1	703.0	698.6	696.7	696.1	700.5	701.1
15°	736.8	730.6	720.5	716.1	712.4	711.8	711.8	713.6	718.0	726.2	732.4
17.5°	741.2	737.5	732.4	731.2	737.5	741.2	746.2	751.9	758.2	769.4	776.3
20°	749.4	751.9	755.7	760.7	770.7	780.1	786.4	794.5	802.1	815.9	827.1
22.5°	770.7	785.1	797.0	807.1	822.1	835.3	843.4	854.7	860.4	869.8	887.3
25°	798.3	827.8	852.9	874.2	897.4	911.2	922.5	936.9	945.7	961.3	977.0
27.5°	790.1	832.2	869.8	909.3	941.3	977.0	1002.1	1025.9	1041.0	1064.2	1084.9
30°	765.1	815.2	866.0	918.1	968.9	1020.3	1067.9	1111.2	1144.5	1177.7	1211.5
32.5°	731.2	788.9	851.0	914.9	981.4	1052.9	1118.7	1184.0	1239.1	1287.4	1334.5
35°	692.3	757.5	822.1	901.1	983.3	1074.2	1165.8	1256.1	1340.1	1425.4	1483.1
37.5°	645.9	712.4	784.5	875.4	972.0	1084.2	1200.9	1318.8	1437.9	1552.7	1652.4
40°	596.4	664.1	740.0	838.4	947.5	1078.0	1223.5	1382.1	1545.8	1712.0	1844.3
42.5°	552.5	622.1	704.9	804.6	923.1	1069.8	1241.7	1436.7	1636.7	1842.4	2036.8
45°	509.8	586.3	673.5	780.7	912.4	1076.1	1268.6	1487.5	1718.2	1967.8	2204.9
47.5°	471.6	549.3	634.0	751.3	896.7	1079.2	1295.0	1538.3	1795.4	2065.7	2347.2
50°	437.1	512.3	595.7	713.6	872.3	1077.4	1318.8	1584.0	1861.8	2142.8	2457.0
52.5°	403.2	479.7	565.0	677.3	842.2	1066.7	1330.1	1621.7	1923.3	2220.5	2545.4
55°	370.0	445.2	531.2	642.8	802.7	1039.1	1328.8	1646.1	1972.2	2293.9	2630.7
57.5°	331.1	402.6	486.6	604.5	760.7	996.5	1310.0	1657.4	2014.2	2366.7	2732.9
60°	282.8	349.9	430.8	548.7	705.5	941.9	1270.5	1651.1	2038.7	2420.6	2820.1
62.5°	223.2	281.6	355.6	470.9	636.5	863.5	1196.5	1594.1	1999.8	2413.1	2860.8
63°	210.7	265.9	338.0	452.1	607.0	842.2	1174.6	1571.5	1981.0	2397.4	2855.2
65°	169.3	205.1	262.8	365.0	507.9	737.5	1065.4	1455.5	1880.0	2287.0	2773.6
67.5°	129.8	148.0	178.7	250.2	359.3	580.1	862.9	1233.5	1631.7	2014.2	2510.9
70°	111.0	119.1	132.3	166.2	228.3	366.2	605.8	919.9	1264.9	1596.6	2043.1
72.5°	101.0	104.7	111.6	126.0	156.8	219.5	386.3	598.9	860.4	1138.2	1483.1
75°	92.8	95.9	101.6	109.1	120.4	146.1	220.1	366.2	559.4	747.5	1000.8
77.5°	84.7	86.5	92.8	99.7	107.2	120.4	145.5	210.7	321.7	440.8	603.3
80°	77.8	76.5	80.9	92.2	99.7	107.2	114.8	136.7	183.1	241.4	326.1
82.5°	62.1	63.3	67.1	78.4	81.5	79.6	80.9	84.7	102.2	111.6	166.8
85°	42.0	38.9	38.3	39.5	39.5	37.6	37.6	37.0	40.8	46.4	79.6
87.5°	11.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	657.8	0°
2.5°	655.9	655.3	655.9	652.8	652.8	652.2	651.6	650.3	650.3	647.8	649.7	2.5°
5°	668.5	667.2	664.7	661.0	659.1	656.6	656.6	654.1	652.2	649.7	650.3	5°
7.5°	682.9	683.5	679.1	676.0	674.8	672.2	672.9	669.1	669.7	667.9	666.6	7.5°
10°	691.1	691.1	692.3	691.7	692.9	692.9	694.8	692.3	691.1	689.2	689.2	10°
12.5°	704.2	706.7	711.8	711.8	715.5	716.8	717.4	718.7	716.1	714.9	710.5	12.5°
15°	736.8	743.1	747.5	753.8	761.3	763.8	763.8	761.3	760.0	758.2	750.0	15°
17.5°	790.8	804.6	808.3	818.4	819.6	822.8	831.5	826.5	823.4	810.2	807.7	17.5°
20°	846.0	863.5	881.1	893.6	899.9	912.4	914.3	911.8	899.3	886.7	881.1	20°
22.5°	912.4	938.8	958.8	978.3	987.7	993.9	1007.7	1004.6	994.6	975.8	968.2	22.5°
25°	1006.5	1039.1	1060.4	1084.2	1096.8	1103.1	1116.9	1116.9	1106.2	1100.6	1099.9	25°
27.5°	1125.0	1165.1	1200.3	1208.4	1241.0	1248.5	1261.7	1261.7	1251.7	1244.8	1278.0	27.5°
30°	1256.7	1298.7	1359.5	1400.3	1439.8	1478.7	1478.1	1480.6	1492.5	1498.8	1513.2	30°
32.5°	1388.4	1440.4	1505.0	1593.5	1678.1	1750.2	1843.7	1903.2	1885.1	1834.3	1814.2	32.5°
35°	1548.3	1606.0	1684.4	1773.4	1928.3	2021.8	2066.9	2098.9	2102.7	2109.6	2124.0	35°
37.5°	1726.4	1823.0	1913.9	2014.9	2100.8	2214.3	2319.0	2403.0	2422.5	2462.0	2439.4	37.5°
40°	1951.5	2059.4	2154.7	2285.1	2400.5	2537.2	2687.1	2802.5	2848.9	2833.8	2721.0	40°
42.5°	2187.3	2320.9	2432.5	2586.1	2736.0	2916.6	3071.5	3232.7	3261.5	3145.5	2976.8	42.5°
45°	2404.3	2569.8	2708.4	2868.3	3051.4	3267.8	3474.7	3640.3	3634.6	3435.9	3210.1	45°
47.5°	2599.3	2802.5	2971.8	3180.0	3376.9	3634.6	3872.3	3994.6	3922.5	3687.3	3410.8	47.5°
50°	2760.5	3013.8	3222.6	3433.4	3683.6	3994.0	4222.9	4291.8	4152.6	3896.8	3605.8	50°
52.5°	2890.3	3208.2	3442.8	3685.4	4001.5	4328.2	4525.1	4499.4	4319.4	4056.7	3767.0	52.5°
55°	3000.0	3356.8	3636.5	3923.1	4315.0	4616.1	4747.1	4678.1	4426.7	4160.2	3877.3	55°
57.5°	3113.5	3501.1	3814.6	4147.0	4583.4	4841.8	4914.6	4772.8	4477.5	4199.7	3925.0	57.5°
60°	3227.0	3621.5	3972.0	4342.6	4786.6	5026.2	5006.1	4794.1	4462.4	4170.8	3893.0	60°
62.5°	3303.5	3693.0	4063.6	4463.0	4939.0	5120.2	4997.3	4718.3	4375.2	4057.3	3797.7	62.5°
63°	3305.4	3695.5	4069.2	4471.2	4955.9	5123.4	4980.4	4691.3	4347.7	4034.1	3769.5	63°
65°	3265.9	3648.4	4019.1	4434.2	4941.5	5051.3	4834.3	4532.0	4190.3	3873.6	3622.7	65°
67.5°	3064.0	3454.0	3781.4	4172.7	4683.2	4714.5	4443.0	4199.0	3891.8	3563.8	3301.7	67.5°
70°	2657.0	2981.2	3302.3	3629.0	4057.3	4051.7	3796.4	3672.3	3403.3	3029.5	2819.4	70°
72.5°	2113.3	2404.3	2630.0	2848.9	3131.1	3074.0	2909.7	2944.2	2769.9	2490.8	2366.0	72.5°
75°	1569.0	1888.8	1999.2	2088.2	2207.4	2208.0	2253.2	2351.0	2348.5	2193.6	2036.2	75°
77.5°	1029.1	1379.0	1416.0	1487.5	1630.4	1824.8	2025.5	2241.2	2295.2	2172.9	1940.2	77.5°
80°	573.8	937.5	894.9	956.3	1110.6	1374.6	1670.6	1908.9	2049.4	1981.0	1734.5	80°
82.5°	293.5	540.6	516.7	602.0	726.8	956.3	1152.0	1335.1	1500.6	1491.2	1397.8	82.5°
85°	152.4	296.0	336.8	381.3	444.0	526.1	600.1	653.4	722.4	844.1	885.5	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0	45.2	32.6	89.7	127.9	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
657.8	657.8	657.8	657.8	657.8	657.8	657.8
650.3	650.9	649.7	649.7	650.3	650.3	649.0
649.0	649.0	647.8	646.5	645.3	645.3	644.0
663.5	663.5	659.1	657.2	654.1	651.6	650.3
684.8	681.0	676.0	672.2	667.2	661.6	658.5
706.1	700.5	694.2	688.6	682.3	676.0	672.9
741.2	733.7	725.6	718.7	709.9	700.5	696.7
795.2	783.2	772.6	762.5	746.9	740.0	732.4
866.6	849.1	835.3	818.4	798.9	792.6	783.2
953.2	938.1	910.5	898.0	878.6	869.2	871.0
1084.9	1065.4	1033.5	1021.5	1019.7	999.0	988.9
1256.7	1258.0	1228.5	1196.5	1178.9	1146.3	1104.9
1501.3	1484.3	1449.8	1417.2	1375.8	1314.4	1245.4
1797.3	1759.6	1702.6	1641.7	1568.4	1473.7	1377.1
2086.3	2020.5	1929.6	1828.0	1722.0	1604.1	1467.4
2340.3	2238.1	2102.0	1985.4	1835.5	1688.1	1521.3
2572.3	2445.7	2270.1	2119.0	1942.1	1752.7	1555.2
2796.8	2636.3	2421.2	2216.8	2016.7	1796.0	1571.5
3010.7	2803.7	2548.5	2305.2	2071.3	1824.2	1574.0
3175.0	2949.2	2662.7	2369.2	2108.9	1845.5	1574.0
3327.4	3072.1	2749.8	2419.3	2144.0	1860.0	1575.3
3445.9	3158.7	2806.3	2455.1	2171.6	1870.6	1580.9
3531.8	3215.1	2843.9	2477.0	2191.7	1885.7	1593.5
3592.0	3252.1	2864.6	2496.5	2216.2	1912.0	1628.6
3620.9	3320.5	2899.1	2535.3	2258.2	1967.8	1698.8
3598.9	3426.5	2997.5	2601.2	2316.5	2055.0	1811.1
3589.5	3445.9	3024.5	2615.6	2329.7	2073.8	1849.9
3516.1	3465.3	3135.5	2688.4	2392.4	2157.2	1958.4
3288.5	3388.8	3228.9	2811.3	2527.2	2359.8	2161.0
2993.8	3275.3	3212.0	2826.9	2613.1	2525.9	2288.9
2640.7	2932.3	2873.4	2618.1	2518.4	2527.8	2255.7
2078.2	2297.1	2258.2	2168.5	2188.6	2257.5	1932.1
1664.9	1635.5	1545.8	1552.1	1668.1	1749.0	1390.9
1360.2	1101.2	984.5	987.7	1190.2	1274.3	886.1
1294.3	1041.6	848.5	741.2	866.0	834.0	462.8
921.8	923.7	766.3	622.7	603.3	513.0	288.5
218.2	175.0	124.8	92.8	97.8	64.6	32.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)